

Amendments to th Claims

فاب ٥٠> Claim 1 (original): Apparatus for securing a hub to a shaft, comprising:

- a) a cylindrical shaft having at least one longitudinal keyway formed in an outer surface thereof, said at least one keyway having a bottom surface;
- b) a hub having an axial bore defining a wall in said hub and being disposable on said shaft to define a maximum distance from said keyway bottom surface to said bore wall; and
- c) at least one tapered locking key for insertion into said at least one keyway between said keyway bottom and said bore wall, said key having a pre-insertion maximum height greater than said maximum distance such that at least one of said key and said hub is deformed by said insertion, whereby said hub is rotationally and axially secured onto said shaft.

a, Claim 2 (original): An apparatus in accordance with Claim 1 wherein said hub is formed of a deformable polymer having a first hardness.

Claim 3 (original): An apparatus in accordance with Claim 2 wherein said key is formed of a material selected from the group consisting of metal, mineral-filled polymer, glass, ceramic, and combinations thereof.

Claim 4 (original): An apparatus in accordance with Claim 2 wherein said key has a second hardness greater than said first hardness.

Claim 5 (original): An apparatus in accordance with Claim 1 wherein said at least one locking key is an end key in a chain of connected keys, said end key being severable from said chain after insertion of said at least one key into said at least one keyway.

Claim 6 (original): An apparatus in accordance with Claim 1 wherein said shaft is a throttle shaft and said hub is a portion of a shaft rotary position sensor.

Claim 7 (original): A method for securing a hub having an axial bore defined by a bore wall onto a cylindrical shaft, comprising the steps of:

- a) providing at least one longitudinal keyway in said shaft, said at least one keyway having a bottom surface;
- b) disposing said axial bore of said hub onto said shaft to define a maximum distance between said keyway bottom surface and said bore wall;
- c) providing at least one wedging means; and
- d) inserting said at least one wedging means into said at least one keyway between said keyway bottom surface and said bore wall.

Claim 8 (original): A method in accordance with Claim 7 wherein said at least one wedging means is at least one locking key having a maximum height greater than said maximum distance.

Claim 9 (original): A method in accordance with Claim 8 further comprising the step of advancing said at least one locking key into said at least one keyway until the point of said maximum height is axially centered within said hub bore.

Claim 10 (cancelled).

Claim 11 (cancelled).

Claim 12 (cancelled).

Claim 13 (original): Apparatus for securing a hub to a shaft, comprising:

- a) a cylindrical shaft having an outer surface;
- b) a hub having an axial bore defining a wall in said hub and having at

least one longitudinal keyway formed in an inner surface thereof, said at least one keyway having a bottom surface, said hub being disposable on said shaft to define a maximum distance from said keyway bottom surface to said outer surface; and

c) at least one tapered locking key for insertion into said at least one keyway between said keyway bottom and said shaft surface, said at least one key having a pre-insertion maximum height greater than said maximum distance such that at least one of said key and said shaft is deformed by said insertion, whereby said hub is rotationally and axially secured onto said shaft.